

Title (en)

Method and servomotor designed to detect the braking of a vehicle and method of manufacturing such a servomotor

Title (de)

Verfahren und Servomotor zur Bremserkennung eines Fahrzeugs und Herstellungsverfahren eines solchen Servomotors

Title (fr)

Procédé et servomoteur destinés à détecter le freinage d'un véhicule et procédé de fabrication d'un tel servomoteur

Publication

EP 1972516 B1 20170927 (FR)

Application

EP 08101847 A 20080221

Priority

FR 0702099 A 20070322

Abstract (en)

[origin: EP1972516A2] The method involves using needles (220), where the needles slide in a housing (222) of a master brake cylinder (202) and integrated with a piston (200) of the master brake cylinder by plastic material plate (210). The needles are arranged in parallel with the piston in a manner to reproduce the displacement of the piston, and the displacement of the needles is detected by a sensor (230) e.g. flexible blade interrupter, for detecting the braking of a vehicle.

IPC 8 full level

B60Q 1/44 (2006.01); **B60T 11/16** (2006.01); **B60T 13/52** (2006.01); **G01D 5/14** (2006.01)

CPC (source: EP US)

B60T 11/16 (2013.01 - EP US); **B60T 13/52** (2013.01 - EP US); **G01D 5/2515** (2013.01 - EP US)

Citation (opposition)

Opponent : Lucas Automotive GmbH

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EP3100911A4; DE102018006237A1; DE102018006237A8; US10173587B2; US11186263B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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DOCDB simple family (application)

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